



021804

17224 U.S. PTO

**PATENT**

Attorney Docket No. 26169-125-601

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Rahul MAGOON *et al.*  
SERIAL NO. : TO BE ASSIGNED EXAMINER : TO BE ASSIGNED  
FILING DATE : February 17, 2004 ART UNIT : TO BE ASSIGNED  
FOR : PROGRAMMABLE FREQUENCY DIVIDER

17548 U.S. PTO  
10/779879  
021804

Mail Stop Patent Application  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Sir:

Transmitted herewith for filing in the present application are the following documents:

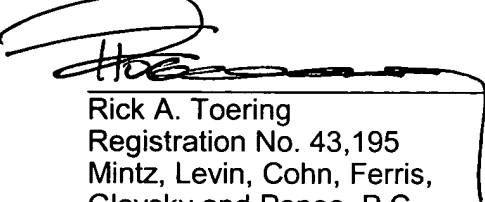
1. New Utility Patent Application Transmittal (in duplicate);
2. Application Data Sheet;
3. 37 pages Specification (including  
33 pages of Specification before the Claims,  
3 pages of Claims, and  
1 page of Abstract)
4. 20 pages formal drawings;
5. Declaration for Patent Application (copy);
6. Check #2736 in the amount of \$770.00; and
7. Return Postcard.

Our check for \$770.00 is enclosed covering any required fees. In the event any variance exists between the amount enclosed and the Patent and Trademark Office charges, please charge or credit the difference to our Deposit Account 50-0311, Reference No. 26169-125-601. A duplicate copy of this letter is enclosed for that purpose.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned at (703) 464-4806.

Date: February 18, 2004

Respectfully submitted,

  
Rick A. Toering  
Registration No. 43,195  
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Customer No.  
29315

17224 U.S. PTO  
021804**NEW UTILITY PATENT APPLICATION TRANSMITTAL***(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))*Docket No.  
26169-125-601Total pages in this  
submission**TO THE COMMISSIONER FOR PATENTS**Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**PROGRAMMABLE FREQUENCY DIVIDER**

And invented by:

**Rahul MAGOON et al.**

IF A CONTINUATION APPLICATION, check appropriate box and supply requisite information:

☐ Continuation ☒ Divisional☐ Continuation-in-part (CIP) of prior application No.: 09/370,099

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 37 pages(s) and including the following:
  - a. ☒ Descriptive title of the invention
  - b. ☐ Cross references to related applications (*if applicable*)
  - c. ☐ Statement regarding Federally-sponsored research/development (*if applicable*)
  - d. ☒ Field of the invention
  - e. ☒ Background of the invention
  - f. ☒ Summary of the invention
  - g. ☒ Brief description of the drawings
  - h. ☒ Description of the preferred embodiments
  - i. ☒ Claims as classified below
  - j. ☒ Abstract of the disclosure

**Application Elements (c ntinued)**

3. ☒ Drawing(s) (when necessary as prescribed by 35 U.S.C. 113)  
☒ Formal ☐ Informal Number of sheets: 20
4. ☒ Oath or Declaration  
a. ☐ Newly executed (original or copy) ☐ Unexecuted  
b. ☒ Copy from a prior application (37 C.F.R. 1.63(d) (for continuation/divisional applications only)  
c. ☐ With Power of Attorney ☒ Without Power of Attorney
5. ☒ Incorporation by reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. ☐ Computer program in microfiche
7. ☐ Genetic sequence submission (if applicable, all must be included)  
a. ☐ Paper copy  
b. ☐ Computer readable copy  
c. ☐ Statement verifying identical paper and computer readable copies

**Accompanying Application**

8. ☐ Assignment papers (cover sheet & document(s))
9. ☐ 37 C.F.R. 3.73(b) statement (when there is an assignee)
10. ☐ English translation document (if applicable)
11. ☐ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☐ Certified copy of priority document(s) (if foreign priority is claimed)
15. ☐ Certificate of Mailing  
☐ First Class ☐ Express Mail (Label No.: \_\_\_\_\_ )
16. ☐ Small Entity Claimed \_\_\_\_\_

**Accompanying Application (continued)**

- 17.
- ☒
- Additional enclosures (please identify below):

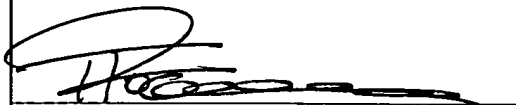
Application Data Sheet

**Fee Calculation and Transmittal**

The filing fee for this utility patent application is calculated and transmitted as follows:

☒ Large Entity ☐ Small Entity

<b><u>CLAIMS AS FILED</u></b>					
<b>For</b>	<b># Filed</b>	<b># Allowed</b>	<b># Extra</b>	<b>Rate</b>	<b>Fee</b>
<b>Total Claims</b>	11	20 =	0	x	\$0.00
<b>Independent Claims</b>	2	3 =	0	x	\$0.00
<b>Multiple Dependent Claims (check if applicable)</b> <input type="checkbox"/>					
<b>Other Fees (specify purpose):</b>					
<b>BASIC FEE</b>					\$770.00
<b>TOTAL FILING FEE</b>					\$770.00

☒ Check in the amount of \$770.00 to cover the total filing fee are enclosed.☒ The Commissioner is hereby authorized to charge and Deposit Account No. 50-0311 as described below. A duplicate copy of this sheet is enclosed.☐ Charge the amount of \_\_\_\_\_ as filing fee.☒ Credit any overpayment.☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.31(b).

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Dated: February 18, 2004